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# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
Division of Oil, Gas & Mining

ROBERT L. MORGAN  
Executive Director  
LOWELL P. BRAXTON  
Division Director

Supervisor 1027

## Inspection Report Minerals Regulatory Program Report Date: November 15, 2004

**Mine Name:** Clark #1/Emeryide

**Operator or Permittee Name:**

Robert Clark

**Permittee Mailing Address:**

1758 South 900 East, Salt Lake City, UT 84105

**Inspector(s):** Paul Baker

**Other Participants:** George Tetrault and Angela Wadman

**Permit Status:** Inactive

**Current Acreages:**

**Total Permitted (Bonded):** 5

**Total Disturbed:** About 1-2 acres disturbed, but exact acreage unknown

**Permit number:** S/015/053

**Inspection Date:** November 5, 2004

**Weather:** Clear, 30's

**Inspection Start Time:** 8:30 AM

**Inspection End Time:** 10:10 AM

**Site location/Area Inspected (i.e. Pit #):**

Entire area examined, but we focused on one area where mining has occurred under a large rock

**Surface Ownership:** BLM

**Mineral Ownership:** BLM

**Mineral Mined:** Humic shale

**Type of Mine:** Underground

Elements of Inspection	Evaluated	N/A	Comment	Enforcement
1. Permits, Revisions, Transfer, Bonds	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Public Safety (open shafts, adits, trash, signs, highwalls)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Protection of Drainages	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Explosives, magazines	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Deleterious Material	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Roads (maintenance, surfacing, dust control, safety)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Concurrent Reclamation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Erosion Control	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Demolition	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. Backfilling and Grading (trenches, pits, roads, highwalls, shafts, drill holes)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. Water Impoundments	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Soils	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. Revegetation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14. Air Quality	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



**Purpose of Inspection:**

We wanted to look at a few of the rocks that could potentially fall to the Miller Canyon Road and determine if anything needed to be done about them.

**Inspection Summary:**

2. Public Safety

There are a few rocks that have some potential of falling, but we focused on one specific rock shown in Photos 1 through 3. Photo 3 shows how this rock has separated from surrounding bedrock. To find this rock, go down to the pad level from the south and continue to follow the pad until it ends. Just after the pad ends, one can see the undermined area shown in Photo 1. This rock is the one we determined has the most potential of falling.

After seeing this rock, how it sits in relation to the pad, and what other rocks have fallen toward the road. Mr. Tetrault felt that, although the rock is not very stable in its current state, there is little chance of it falling and rolling all the way to the road. He believes the rock will likely settle in place without falling at all, but even if it does rotate and start down the hill, it is large enough and angular enough that it is unlikely to get to the road. I think it would rotate and fall rather than settling, but it is hard to say whether it would go all the way to the road.

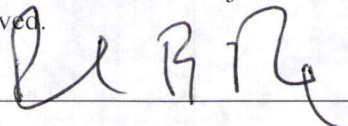
Although the site has portals for underground mining, it appears there has, in the past, been some surface mining under some of the sandstone blocks. Some of the blocks have settled, including one right next to the one discussed above, and a few have fallen. It also appears underground mining may have destabilized some of the rocks. Photo 4 was taken looking toward the north from near the north end of the southernmost pad, and it shows several rocks that have broken away from the adjacent sandstone bedrock but have not yet fallen.

After discussing this situation, we decided:

1. Some of the sandstone could be forced to fall to clean up the face. Mr. Tetrault indicated there are firms that perform this sort of work for reasonable costs. If this is done, the road would need to be temporarily closed. This will not be required unless the operator decides to conduct further mining.
2. Until the face has been cleaned up, mining will not be allowed in the areas above the Miller Canyon Road. There are some mining areas that are not above the Miller Canyon Road, but I am not sure whether they are within Bob Clark's permit area.
3. The operator would be allowed to take any previously-mined material in the stockpile.

Although the operators of this and the two adjacent sites have cleaned up a lot of trash, there is more that should be removed.

**Inspector's Signature**



**Date: November 15, 2004**

PBB:jb

Enclosures: Photo attachment, photos, GPS map

cc: Bob Clark, Operator

Angela Wadman, Price BLM

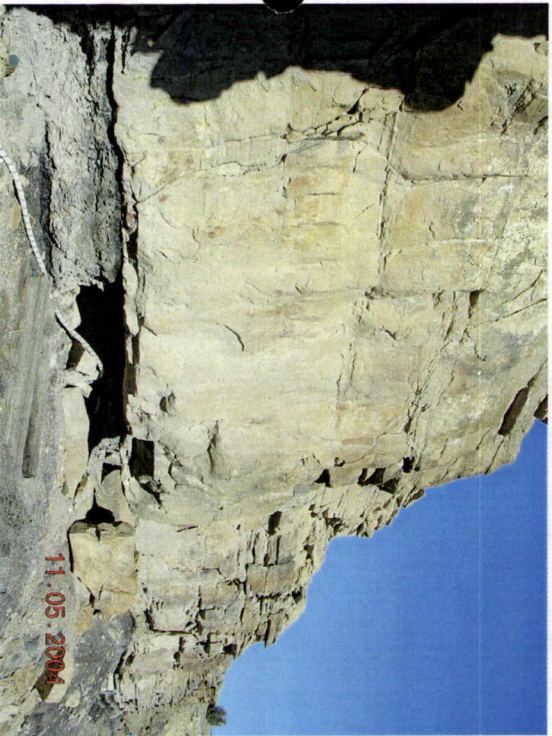
O:\M015-Emery\S0150053-RobertClark\inspections\ins011052004.doc



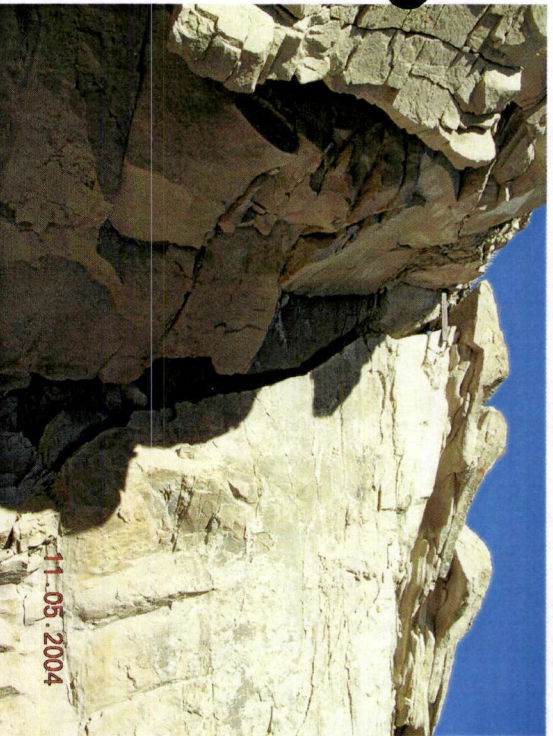
**ATTACHMENT**  
**Photographs**

**S/015/053, Clark #1/Emeryide Mine, Robert Clark**

Inspection Dated: November 5, 2005; Report Dated: November 15, 2004



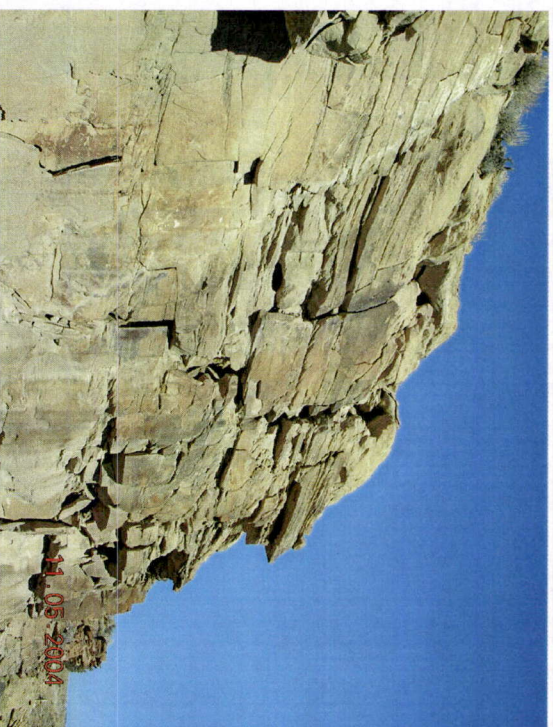
**Photo 1. A sandstone block that has been undermined and appears to be unstable.**



**Photo 2. Crack along the side of the block shown in Photo 1.**



**Photo 3. The top of the block shown in Photo 1.**



**Photo 4. Some rocks in a nearby area that have separated from the adjacent bedrock.**